1. Cranial Nerve I (Olfactory Nerve)

- Type: Sensory.
- Function: Smells.
- Results of lesions: Anosmia.
- Only cranial nerve without thalamic relay to cortex.

2. Cranial Nerve II (Optic Nerve)

- Type: Sensory.
- Function: Sight.
- Results of lesions:

- Visual field deficits (Anopsia).
- Loss of light reflex.

3. Cranial Nerve III (Oculomotor nerve):

* The oculomotor nerve (III), trochlear nerve (IV), and abducens nerve (VI) coordinate eye movement.
* Type: motor.
* Innervates all extraocular muscles (EXCEPT SO4 & LR6) as superior rectus (SR), inferior rectus (IR), medial rectus (MR) and inferior oblique (IO).
* The action of the ocular muscles innervated by oculomotor nerves is elevation and adduction of the eye (up and in), and the most important action is adduction
*- CN III has both Motor (Middle) and Parasympathetic (Peripheral) components.
* lesion of oculomotor nerve will result in:
1. down and out eye position (diplopia & external strabismus)
2. ptosis (drooping of the eyelid).
3. mydriasis & loss of light reflex
4. loss of accommodation (near response). (loss of Convergent)
5. Divergent

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